

**Additional File 3: Table S1.** Genetic diversity (A), Genetic divergence (FST) (B) and marker density (C) estimates computed for the whole rice panel and for the major subdivisions of the panel

A)

	All	Temperate Japonica	Tropical Japonica	Tropical Japonica EUROPE	Tropical Japonica USA	K1	K2
No of accession	138	97	41	18	23	91	28
No. of usable loci (call rate > 95%)	9856	9824	8855	7528	8529	9869	8225
No. of polymorphic sites	9856	9468	8484	6756	6894	8663	6950
Nucleotide diversity	0.31± 0.15	0.23± 0.11	0.27± 0.13	0.32± 0.16	0.22± 0.11	0.22± 0.10	0.23± 0.11
No. of transitions	6593	6341	5665	4482	4600	5805	4643
No. of transversions	3263	3127	2819	2274	2294	2858	2307

B)

1)

Fst	Temperate Japonica	Tropical Japonica
Temperate Japonica	0	
Tropical Japonica	0.38	0

2)

Fst	Temperate Japonica	Tropical Japonica EUROPE	Tropical Japonica USA
Temperate Japonica	0		
Tropical Japonica EUROPE	0.28	0	
Tropical Japonica USA	0.47	0.1	0

3)

Fst	Admixed	K1	K2
Admixed	0		
K1	0.22	0	
K2	0.19	0.49	0

c)

	All	Temperate Japonica	Tropical Japonica	Tropical Japonica EUROPE	Tropical Japonica USA
No of accession	138	97	41	18	23
No. of loci (call rate > 95%, MAF>10%)	31752	19953	20875	20821	13393
N. marker/Mb	85.1	53.5	56.0	55.8	35.9
N. marker/Kb	0.09	0.05	0.06	0.06	0.04